UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/537,429	06/02/2005	David Boxenhorn	29913	3153

7590   03/28/2008

Martin Moynihan
C/o Anthony Castorina
Suite 207
2001 Jefferson Davis Highway
Arlington, VA 22202

EXAMINER
YOUSSEF, ADEL Y

ART UNIT	PAPER NUMBER
2618	

MAIL DATE	DELIVERY MODE
03/28/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _02 June 2005_.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _55-85_ is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _55-85_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _02 June 2005_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _01/25/2006_.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to the arguments filed on 11/28/2007. This action is

   made **FINAL.**

Response to Arguments

2. Applicant's arguments have been fully considered, but are not persuasive.

   Therefore, this action is made final.

3. The argued features, i.e., an object stores data (paragraph 15, Helgeson et al

   teach the system comprises a network interface, memory storing data and

   programs of instructions). an object being created in response (paragraph 696 ,

   paragraph 791, paragraph 987, Helgeson et al teach that every response to

   specific requests (request, response).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form

   the basis for the rejections under this section made in this Office action:

   A person shall be entitled to a patent unless –
   (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
   sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 55- 85 are rejected under 35 U.S.C. 102(b) as being anticipated by

   Helgeson et al (PGUB No: 2002/0073236).

Regarding claim 55, Helgeson et al. teach a networked computing system for

facilitating independent remote access to data, said system comprising:

a plurality of remote terminal devices; and a plurality of hosting servers, each one of

said plurality of hosting servers being associated with a first unique identity, said

plurality of hosting servers operative for storing said data in at least one object, said

object comprising:

enablement data, (paragraph 215, lines 2-10, see figure 4); (the reference teaches an

interface that contains mechanisms to manipulate various kinds of display style to

generate and execute web links which is read as enablement data);

a first identity arrangement for holding said first unique identity indicating one of said

plurality of hosting servers or provider of said (paragraph 519, lines 1-10, see figure 8a)

(the reference teaches that inside web server 800 based on XML) for holding a first

identity (that's XML Protocol) indicating a host or provider (fig 4, #419,421 or 423) of

said object (paragraph 13, lines 2-7); (interface server 417 communicates with server

421 using XML protocol) object, (paragraph 39, line 5, paragraph 66, paragraph 86,

paragraph 206, see tables 8a, 9) and a second identity arrangement for holding

respective second unique identities of specific remote entities establishing a relationship

with said object via a network through respective remote terminal devices, (paragraph

526, lines 1-3) for holding a second identity (HTML, XSL/XSLT or WAPNVML Protocol)

of a remote entity Establishing a relationship with said object via a network (paragraph

215, lines 10-14 , see figure 4); (interface server 417 Communicates using HTML

protocol with web server 405).

wherein said first and said second identity arrangements enable a plurality of remote

entities to access enablement data of said at least one object simultaneously, while

each one of said at least one object uniquely preserves the said enablement data's

associated hosting and relationship identities (paragraph 382, lines 1-3, paragraph 385,

line 2-4, paragraph 364, paragraph 365).

Regarding claim 56, Helgeson et al. teach the system of claim 55, wherein each one of

said least one object has been uniquely created upon a message associated with at

least one of said specific remote entities(paragraph 300, line2, paragraph 841, lines 4-8,

paragraph 884, line 2, paragraph 886, lines 3-5, paragraph 892).

Regarding claim 57, Helgeson et al. teach The system of claim 55, wherein said

plurality of hosting servers is configured for storing objects that hold in common at least

one of said first and said second unique identity (paragraph 227, paragraph 278).

Regarding claim 58, Helgeson et al. teach the system of claim 55, wherein each of

said objects consists of an object identity, said object identity being selected such that a

combination, for said object, of said first identity, said second identity and said object

identity is unique within said system (paragraph 298, lines 1-3, paragraph 305).

Regarding claim 59, Helgeson et al. teach the system of claim 55, wherein at least one

of said objects is described by a class which is local to one of said plurality of hosting

servers on which said at least one object resides (paragraph 382, lines 1-4, paragraph 385, lines 1-3).

Regarding claim 60, Helgeson et al. teach the system of claim 59, wherein said class supports at least one service of a plurality of services, said services comprising object definitions, and being global to the whole system (paragraph 439, line 2, paragraph 444, paragraph 997, line 1-3).

Regarding claim 61, Helgeson et al. teach The system of claim 55, comprising authentication hosting module operative for respective remote users, such that each remote user has an assigned authentication host for said system (paragraph 50, line 3, paragraph 98, paragraph 1052, line 2).

Regarding claim 62, Helgeson et al. teach the networked computing system of claim 55, wherein said enablement data further comprises at least one of a link, attributes a class identity and behavior (paragraph 237, lines 1, 2, paragraph 241, line 7-11, paragraph 244).

Regarding claim 63, Helgeson et al. teach the networked computing system of claim 55, wherein said remote terminal device further comprising a user interface via which remote entity is able to carry out interactions therewith (paragraph 317, lines 1-3, paragraph 318, lines 1, 2, paragraph 357, lines 11-14).

Regarding claim 64, Helgeson et al. teach the networked computing system of claim

63, wherein said user interface is configurable to permit interactions with other objects

stored on said plurality of hosting servers (paragraph 230, lines 2-5, paragraph 232,

lines 1-4, 244, 145, lines 6-10).

Regarding claim 65, Helgeson et al. teach the networked computing system of claim

55, wherein at least one of said objects is configured as an interface object to

communicate between said remote entity thorough said remote terminal device and

another object, said interface object comprising:

a translating software module for translating messages between an external messaging

protocol and an internal system protocol (paragraph 12, lines 2-5, paragraph 42, lines 1-

3, paragraph 214), and

a communication software module for relaying messages between said remote entity

through said remote terminal device and another object via said translating unit

(paragraph 13, paragraph 844, lines 1-4).

Regarding claim 66, Helgeson et al. teach the networked computing system of claim

65, wherein said translating unit is operable to relay messages between a plurality of

other objects and said remote entity through said remote terminal device (paragraph 13,

paragraph 844, lines 1-4).

Regarding claim 67, Helgeson et al. teach the networked computing system of claim

65, comprising selectable interface functionality, each suitable for a different remote

terminal device (paragraph 317, lines 1-3, paragraph 375, lines 9-12).

Regarding claim 68, Helgeson et al. teach the networked computing system of any

preceding claims wherein said enablement data further comprises at least one attribute

being configured to store representational information, said predetermined object

behaviors allow altering of said at least one attribute (paragraph 237, lines 1, 2,

paragraph 241, line 7-11, paragraph 244).

69. (New) The networked computing system of claim 65, configured to generate

messages in response to user interactions at said remote device and to send said

messages to said another object (paragraph 227, 229, line 3, paragraph 237).

Regarding claim 70, Helgeson et al. teach the networked computing system of claim

69, wherein said messages comprise one of HTTP messages (paragraphs 591, 1032),

XML messages (paragraph 1052, 1080), SOAP messages and WSML messages

(paragraph 215, lines 10-14 , see figure 4);(interface server 417 Communicates using

HTML protocol with web server 405).

Regarding claim 71, Helgeson et al. teach the networked computing system of claim

69, wherein said messages are specific responses to any one of a group of computer -

user interaction consist at least one of the following user interaction: a key press, a

mouse click, a mouse drag, a mouse select, a mouse drag and drop, a cut action, a

copy action, a paste action, a launch action, an undo action, a redo action, a repeat

action, and a delete action (paragraph 237, paragraph 225).

Regarding claim 72, Helgeson et al. teach the networked computing system of claim

55, wherein said object further comprises :

a list, associated with a data item or event, comprising at least one object that has

indicated a need to be updated regarding said data item or event, and

a publish module associated with said list for sending messages regarding data item or

event to said at least one object (paragraphs 280, 703, 840).

Regarding claim 73, Helgeson et al. teach the networked computing system of claim

72, wherein said list module is programmable, to allow a user through said remote

terminal device to alter said list (paragraphs 1048, 1081).

Regarding claim 74, Helgeson et al. teach the networked computing system of claim

73, further comprising a plurality of data items or events, and wherein said list module is

configured to provide separate lists for different ones of said data items or events

(paragraphs 231, 282).

Regarding claim 75, Helgeson et al. teach the networked computing system of claim 69, wherein said user interactions comprise interactions comprising associations with other objects, said associations being made at said remote terminal device (paragraph 317, lines 1-3, paragraph 375, lines 9-12).

Regarding claim 76, Helgeson et al. teach the networked computing system of claim 75, configured such that said interactions at said remote terminal device generate commands that include identification data of a respective one of said other objects (paragraphs 14, 207, 212).

Regarding claim 77, Helgeson et al. teach the networked computing system of claim 55, further comprising an object ID, which, together with said first and said second identities, provides a unique identity thereto (paragraphs 385, 389).

Regarding claim 78, Helgeson et al. teach the networked computing system of claim 65, further comprising a desktop object software module located between said interfacing object and said at least one object, said desktop object being configured to represent said at least one object as a desktop icon and to provide desktop icon functionality to said remote entity (paragraphs 588, 728, 761).

Regarding claim 79, Helgeson et al. teach the networked computing system of claim 55, wherein said remote terminal devices are adapted to simultaneously access a

plurality of objects which are hosted on a plurality of said plurality of hosting servers

(paragraphs 382, 385).

Regarding claim 80, Helgeson et al. teach a hosting server for providing computing

services via a network to a plurality of remote users, the hosting server being

associated with a first unique identity, said hosting server comprising: a network

interface for interaction with remote users over said network; at least one object

(paragraph 15, lines 2-9, paragraph16, lines 1-3, see figure 1);at least one interfacing

object adjusted to facilitate independent access to a

specific remote user to at least one of said object comprising: enablement data

(paragraph 215, lines 2-10, see figure 4); (the reference teaches an interface that

contains mechanisms to manipulate various kinds of display style to generate and

execute web links which is read as enablement data),

a first identity arrangement for holding said first unique identity indicating a host or

provider of said object (paragraph 519, lines 1-10, see figure 8a), and

a second identity arrangement for holding a second unique identity of a remote entity

establishing a relationship with said object via a network said interfacing object being

able to exclusively send user interface messaging to a respective remote user via said

network (paragraph 526, lines 1-3) for holding a second identity (HTML, XSL/XSLT or

WAPNVML Protocol) of a remote entity Establishing a relationship with said object via a

network (paragraph 215, lines 10-14 , see figure 4);(interface server 417 Communicates

using HTML protocol with web server 405), and to interpret user interactions of said

respective remote user for messaging to further remotely located unique objects,

thereby to allow said remote user to independently access said unique objects

(paragraph 39, lines 2-4, paragraph 231, lines 1-3, paragraph 241, lines 1-6).

Regarding claim 81, Helgeson et al. teach a method for providing a plurality of remote

devices with the ability to access a plurality of hosting servers independently, the

method comprising:

a) providing access for a plurality of remote terminal devices (paragraph 215, lines 6-13,

see figure 4);

b) providing a plurality of hosting servers each being associated with a first identity,

each of said plurality of hosting servers operative for storing at least one object, each

object associated with a specific user (paragraph 382, lines 1-5, paragraph 385, lines 1-

3, paragraph 443, paragraph 870, lines 1-3);

c) packaging into said object: enablement data (paragraph 215, lines 2-10, see figure

4); (the reference teaches an interface that contains mechanisms to manipulate various

kinds of display style to generate and execute web links which is read as enablement

data).,a first identity arrangement for holding said first identity indicating a hosting server

or provider of said object (paragraph 519, lines 1-10, see figure 8a) (the reference

teaches that inside web server 800 based on XML) for holding a first identity (that's XML

Protocol) indicating a host or provider (fig 4, #419,421 or 423) of said object (paragraph

13, lines 2-7); (interface server 417 communicates with server 421 using XML protocol)

, and a second identity arrangement for holding a second identity of a specific remote

entity establishing a relationship with said object via a network through said remote

terminal device (paragraph 526, lines 1-3) for holding a second identity (HTML,

XSL/XSLT or WAPNVML Protocol) of a remote entity Establishing a relationship with

said object via a network (paragraph 215, lines 10-14, see figure 4) ;(interface server

417 Communicates using HTML protocol with web server 405).; and

 d) receiving a request from a respective remote entity over a network, the request

relating to said object, the request being received through said remote terminal device,

the request setting said second identity to identify said respective remote entity, thereby

establishing a relationship between said remote entity and said object (paragraph 14,

line 2, paragraph 313, lines 1-4, paragraph 226, 1-2).

Regarding claim 82, Helgeson et al. teach a method of claim 81, further comprising:

creating an interface object, said interface object being responsive at least to standard

user interaction events, and receiving interaction messaging through said remote

terminal device from said remote entity at said interface object and using said

interaction messaging to activate said at least one behavior (paragraph 840, lines 3-7,

paragraph 972, paragraph 1201, lines 1-10).

Regarding claim 83, Helgeson et al. teach a method of claim 81, comprising using said

second identity for personalization of said object for said remote entity using said

remote terminal device (paragraph 60, lines 1-3, paragraph 66).

Regarding claim 84, Helgeson et al. teach the method of claim 83, comprising using respective second identities to define an aggregation of personalized objects as a workspace environment for said remote entity (paragraphs 226, 299, and 323).

Regarding claim 85, Helgeson et al. teach the method of claim 81, further comprising a step between said step c) and said step d) of packaging into said object an third identity, which, together with said first identity and said second identity, provides a unique identity thereto (paragraph 299, paragraph 389, lines 1-4).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

8.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure Bayeh et al (Patent Number: 6012098) teach a technique,

system, and computer program for using servlets to isolate the retrieval of data from the

rendering of the data into a presentation format. Data retrieval logic is isolated to a data

servlet, and presentation formatting is isolated to a rendering servlet. Servlet chaining is

used to send the output of the data servlet to the rendering servlet. The data servlet

formats its output data stream for transfer to a downstream servlet. This data stream

may be formatted using a language such as the Extensible Markup Language (XML),

according to a specific Document Type Definition (DTD). The rendering servlet parses

this XML data stream, using a style sheet that may be written using the Extensible Style

Language (XSL), and creates a HyperText Markup Language (HTML) data stream as

output.

Any response to this Office Action should be **faxed** to (571) 273-8300 or **mailed to:**
                        Commissioner for patents
                        P.O.Box1450
                        Alexandria, VA 22313-1450

                        Hand-delivered responses should be brought to

                        Customer Service Window

                        Randolph Building

                        401 Dulany Street

                        Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Adel Y. Youssef whose telephone number is 571-270-

3525. The examiner can normally be reached on Monday to Thursday 8am-5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Lana Le can be reached on 571-272-7490. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO

Customer Service Representative or access to the automated information system, call

800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ADEL YOUSSEF

UNIT#2618

03/04/2008

/L. N. L./
Acting SPE of Art Unit 2618